IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Takeshi NAKAO et al.

Serial No.: Currently unknown

Filing Date: Concurrently herewith

For: END SURFACE REFLECTION TYPE SURFACE

ACOUSTIC WAVE DEVICE

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office 2011 South Clark Place Customer Window, Mail Stop PATENT APPLICATION Crystal Plaza Two, Lobby, Room 1B03 Arlington, VA 22202

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449), including an English abstract.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Information Disclosure Statement December 15, 2003 Page 2 of 2

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: December 15, 2003

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Substitute for form 1449/PT0	Application Number		
INFORMATION DISCLOSURE	Filing Date		
	First Named Inventor	Takeshi NAKAO	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 1 of 1	Attorney Docket Number	36856.1173	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2(if known)}	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number-Kind Code ⁵ (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Te
	1	JP 02-037815	02/1990	JAPAN		X
	2	JP 08-265088	10/1996	JAPAN		X
	3	JP 09-186542	07/1997	JAPAN		X
	4	JP 11-186866	07/1999	JAPAN		X
	5	WO96/04713	02/1996	WIPO		X
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Examiner Signature	Date Considered
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^{*}Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Strandard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.